NH₂ OCR OCR OCR OCR

DACH Platinum(II) Complex

Phospholipids

R Group

1) NDDP:
$$C = R_1$$
 R_3
 $(R_1 + R_2 + R_3 = C_8 H_{19})$

2) B10:
$$C \leftarrow (CH_2)_5CH_3$$

3) L10: (CH₂)₈CH₃

X Group

- 1) \underline{PC} : $OCH_2CH_2 + N(CH_3)_3$
- 2) <u>PG</u>: 0CH₂CHCH₂ 0H0H
- 3) <u>PA</u>:0H
- 4) <u>PE</u>: 0CH₂CH₂+NH₃
- 5) <u>PS</u>: 0CH(COO⁻)(+NH₃)

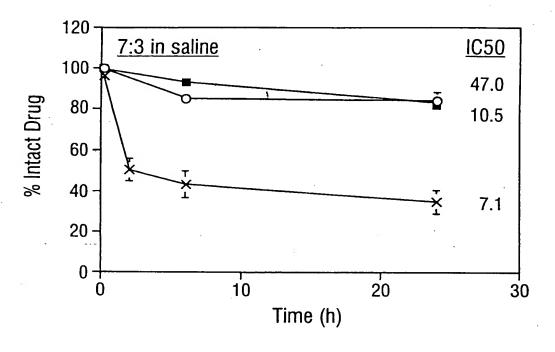


FIG. 2A

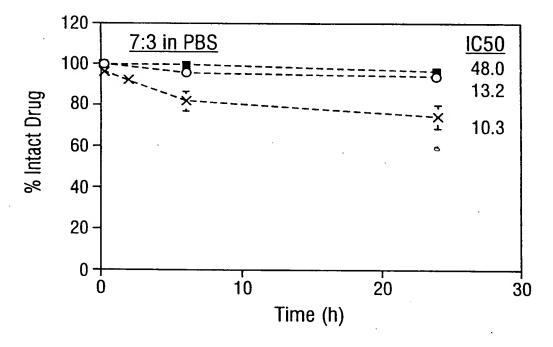


FIG. 2B

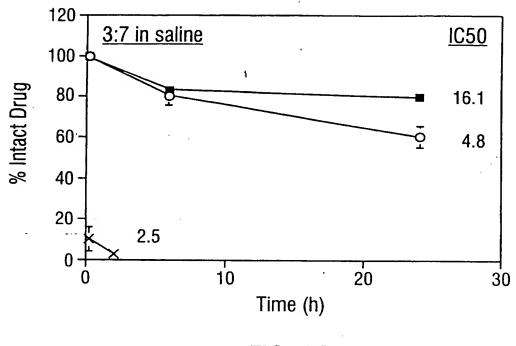


FIG. 2C

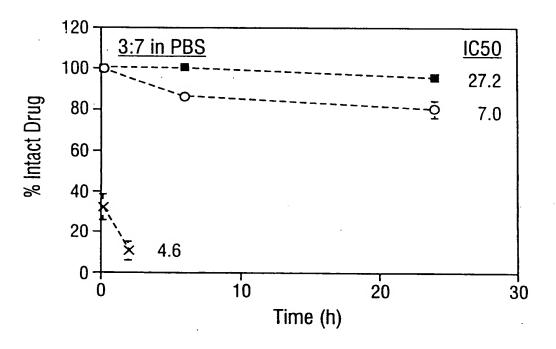
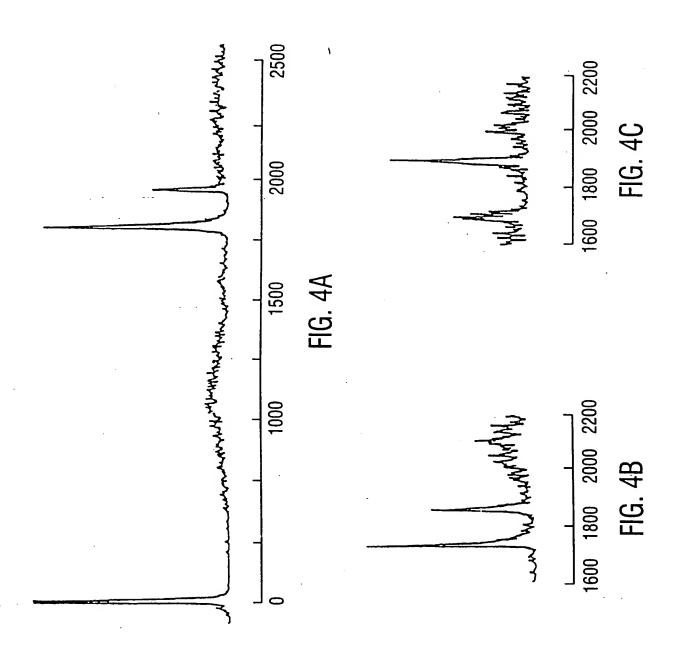
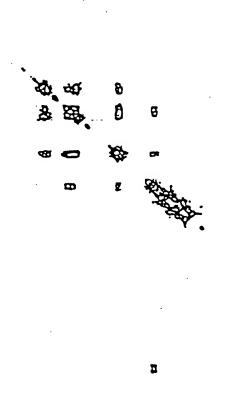
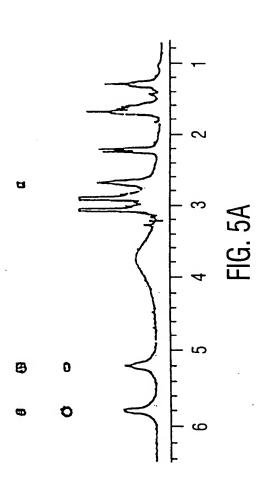


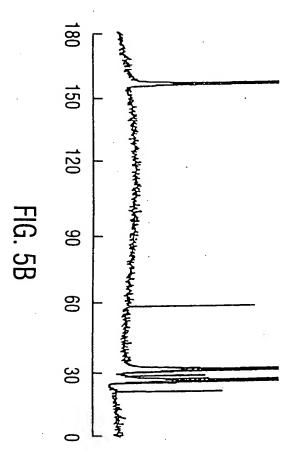
FIG. 2D

FIG. 3









Drying the lipids by evaporating chloroform Mixing dry lipids and NDDP in t-butanol Lyophilization of t-butanol Preliposomal NDDP powder Reconstitution in saline 6 h at 25°C (pH=6.0) Extraction with chloroform Sample 1 Sample 2

FIG. 6A

With lipids in dry powder Mixing the lipids and NDDP Dissolving them in different solution 1) t-Butanol:water=10:1 2) Methanol 3) Chloroform Sample 4 Sample 5 Sample 6 Lyophilization for 1 d Preliposomal NDDP powder Reconstitution Reconstitution in saline in saline (pH=6.5-7.0)(pH=3.0-4.0)Sample 7 Sample 8

FIG. 6B